

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Christian Maria Anton Heller

Group Art Unit:

Serial No.: 10/065,850

Examiner:

Filed: November 26, 2002

For ELECTRODES MITIGATING EFFECTS OF
DEFECTS IN ORGANIC ELECTRONIC DEVICES

INFORMATION DISCLOSURE STATEMENT

- ☒ 1 **Pursuant to 37CFR 1.97(b)**
[within 3 months of national, non-CPA filing or prior to 1st Office Action] *no charge*
- ☐ 2 **Certification Pursuant to 37 CFR 1.97(c)(1)**
[before Final Office Action, Allowance, or other action closing prosecution] *no charge*
- ☐ 3 **Fee Payment Pursuant to 37 CFR 1.97(c)(2)**
[before Final Office Action, Allowance, or other action closing prosecution] *\$180.00*
- ☐ 4 **Certification & Fee Payment Pursuant to 37 CFR 1.97(d)**
[On or before issue fee payment] *\$180.00*

ATTN: BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The following are submitted in the above application in compliance with 37 CFR 1.97 and 37 CFR 1.98:

- ☒ 5 A list of documents on form PTO-1449 or Substitute together with copies of each identified document and a translation thereof or a concise explanation of each non-English language document or a Search Report from an International Searching Authority for a patent application filed via the Patent Cooperation Treaty or document(s) cited in the application or the priority application.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on the date indicated below.

Date of Deposit_____
Type or Print Name_____
Signature

This paper is submitted in accordance with:

- ☒ 6 37 CFR 1.97(b): [within 3 months of national, non-CPA filing or prior to 1st Office Action]
- ☐ 7 37 CFR 1.97(c): [before Final Office Action, Allowance, or other action closing prosecution, whichever is earlier]; and
- ☐ 8 The required Certification made in item 11 below; or
- ☐ 9 The \$180.00 fee specified in 37 CFR 1.17(p) for submission of this Information Disclosure Statement is authorized in item 15 below.
- ☐ 10 37 CFR 1.97(d): [on or before issue fee payment]; and
- a) The required Certification is stated in item 11 below; and
- b) The \$180.00 fee specified in 37 CFR 1.17(p) for submission of this Information Disclosure Statement is authorized in item 14 below.
- ☐ 11 Certification
- ☐ 12 Each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of this Statement; or
- ☐ 13 No item contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this document after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in 37 CFR 1.56(c) more than three (3) months prior to the filing date of this Statement.
- ☒ 14 Payment of all applicable fees:
- ☒ 15 Please charge all applicable fees associated with the submittal of this Information Disclosure Statement to Deposit Account No. 07-0868

An original and two (2) copies of this document are enclosed.

November 25, 2002

Date

General Electric Company
CRD Patent Docket Rm 4A59
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Respectfully submitted,

Toan P. Vo

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FORM PTO-1449
(REV. 7-80)
(Title Amended 3/83)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

122023

SERIAL NO.

10/065,850

INFORMATION DISCLOSURE STATEMENT BY APPLICANT--

LIST OF ITEMS

(Use several sheets if necessary)

Applicant

Christian Maria Anton Heller

Filing Date

11/26/02

Group

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA 5 2 9 4 8 7 0	03/15/94	Tang et al.			
	AB 6 1 2 7 6 9 3	10/03/00	Chen et al.			
	AC 6 3 6 5 2 7 0	04/02/02	Forrest et al.			
	AD 6 4 0 3 2 3 8	06/11/02	Horhold et al.			
	AE 6 3 2 9 0 8 4	12/11/01	Tamano et al.			
	AF 6 0 3 0 7 1 5	02/29/00	Thompson et al.			
	AG 6 0 0 4 6 8 5	12/21/99	Antoniadis et al.			
	AH 6 0 4 8 6 3 0	04/11/00	Burrows et al.			
	AI 6 3 0 3 2 3 8	10/16/01	Thompson et al.			
	AJ 6 3 2 9 0 8 5	12/11/01	Burrows et al.			
	AK 6 3 3 3 1 2 2	12/25/01	Furukawa et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	No
	AL 0 1 4 5 4 6 9	06/21/01	PCT				
	AM 0 1 4 2 2 1 8	06/14/01	PCT				
	AN 1 2 1 5 9 4 5	12/12/01	EP				
	AO						
	AP						

OTHER INFORMATION (Including Author, Title, Date, Pertinent pages. Etc.)

AR	H. Suzuki et al., "Near-Ultraviolet Electroluminescence from Polysilanes" Thin Solid Films, Vol 331, pages 64-70 (1998).
AS	I. Seguy et al., "Red Organic Light Emitting Device Made From Triphenylene Hexaester and Perylene Tetraester," Journal of Applied Physics., Vol. 89, No. 10, 5442 (2001).
AT	C. Adachi et al., "Electroluminescence Mechanisms in Organic Light-Emitting Devices Employing a Europium Chelate Doped in a Wide Energy Gap Bipolar Conducting Host," Journal of Applied Physics., Vol. 87, No.11, 8049 (2000).

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	BA 6 0 2 3 3 7 1	02/08/00	Onitsuka et al.			
	BB 6 3 9 2 2 5 0	05/21/02	Aziz et al.			
	BC 5 5 9 8 8 0 3	02/04/97	Czipri			
	BD					
	BE					
	BF					
	BG					
	BH					
	BI					
	BJ					
	BK					

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						YES	No
	BL						
	BM						
	BN						
	BO						
	BP						

OTHER INFORMATION (Including Author, Title, Date, Pertinent pages. Etc.)

BR	H. Heil et al., "Tris (dibenzoylmethand)(monophenanthroline) europium (III) Based Red Emitting Organic Light Emitting Diodes," Journal of Applied Physics, Vol. 90, No. 10, 5357 (2001).
BS	Y. Kawamura et al., "Energy Transfer in Polymer Electrophosphorescent Light Emitting Devices with Single and Multiple Doped Luminescent Layers," Journal of Applied Physics, Vol. 92, No. 1, 87 (2002).
BT	P.F. Gordon & P. Gregory, "Organic Chemistry in Colour," Springer-Verlag, Berlin, pp. 99-101, 105-106, 126, 180, 253-255, 257 (1983).

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	CB					
	CC					
	CD					
	CE					
	CF					
	CG					
	CH					
	CI					
	CJ					
	CK					

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						YES	No
	CL						
	CM						
	CN						
	CO						
	CP						

OTHER INFORMATION (Including Author, Title, Date, Pertinent pages. Etc.)

CR	09/683,345, A. Duggal et al., " Light-Emitting Device with Organic Electroluminescent Material and Photoluminescent Materials," Filed December 17, 2001, (GE Docket RD-28,430).
CS	
CT	

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